

**David W. Brickey**

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**From:** David W. Brickey [david.brickey@terraspectra.com]  
**Sent:** Tuesday, February 06, 2007 4:21 PM  
**To:** 'wl CHENOWETH'  
**Cc:** 'Elaine Ezra'  
**Subject:** NE Church Rock Mines  
**Attachments:** NE\_Church\_Rock\_mines.pdf

Hi Bill:

I have a couple of questions for you on the NE Church Rock Mines. Please see the attached PDF, NE\_Church\_Rock\_mines.pdf. In it is a map of the area, and the other page is a table you provided on Post-AEC ore production from Kerr McGee mines. Notice in the table the grades for 1979 and 1982 for Section 35 (our number 4 on the map named NE Church Rock No. 1). They do not calculate out correctly. My calculations are in the yellow boxes. I discovered this when summing the tons of ore and lbs U3O8 for Section 35 and then calculating the avg. grade that came to 0.15% (not consistent with annual grades).

It appears that the tons or pounds are likely inaccurate, as the calculated grades are inconsistent with other annual grades. Do you have another source for Section 35 (NE Church Rock No. 1) for the post-AEC period?

Also, do you have any Post-AEC production stats for the NE Church Rock No 2 mine?

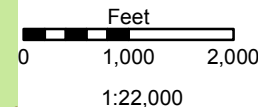
If you have any questions, please contact me using the information below.

*Dave*

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2/13/2007

NE Church Rock Mines



McLemore's Uranium Occurrence Report & Database reports that this mine had a proposed shaft. She also reports that it produced in the "C" Production Category (2,000,000-20,000,000lbs. U3O8).

Do you have Post-AEC production stats for this AUM?

Post-AEC production for Kerr McGee's Section 35 mine does not compute properly.  
See page 2 Post-AEC production stats.

Kerr McGee's Section 36 mine

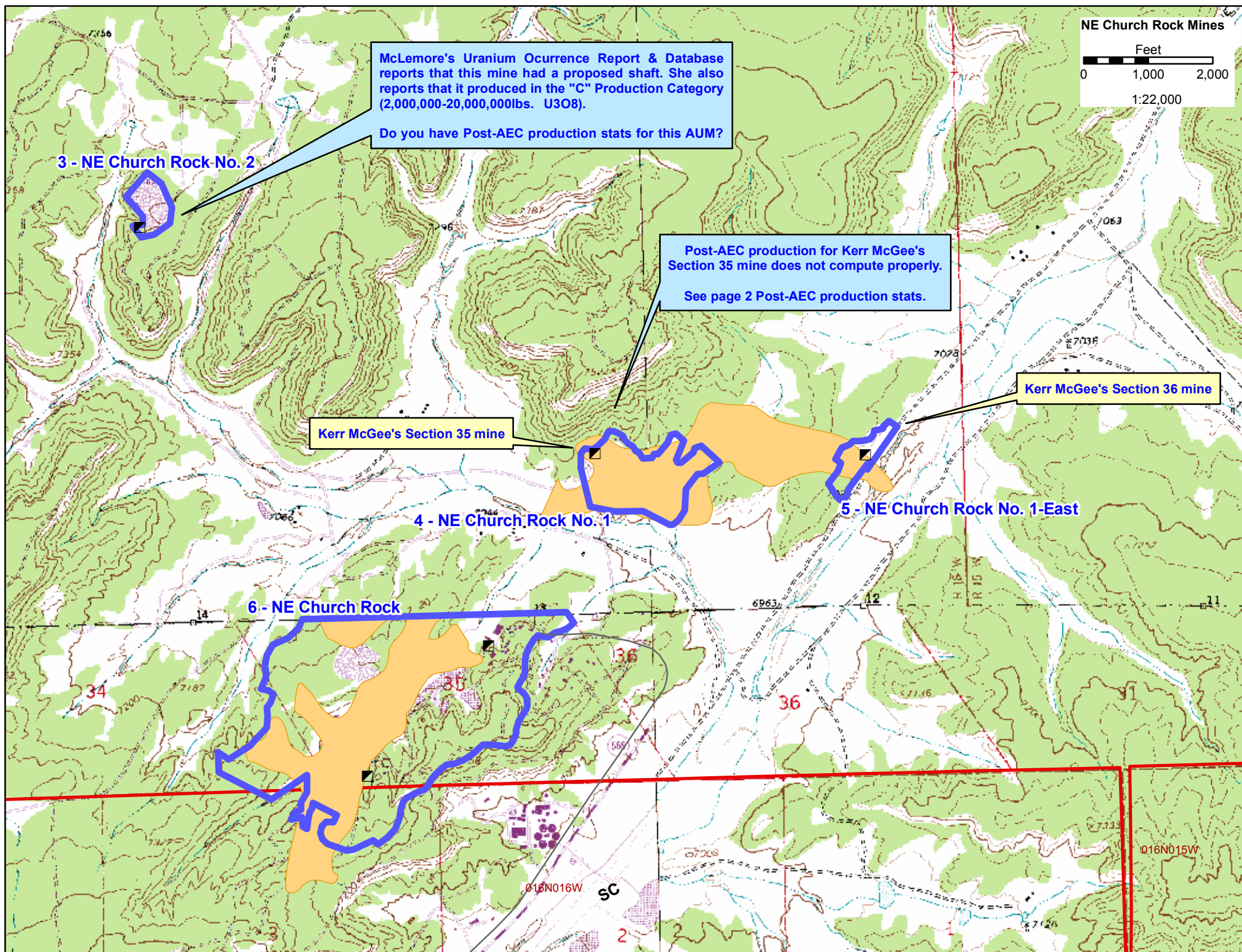
Kerr McGee's Section 35 mine

3 - NE Church Rock No. 2

4 - NE Church Rock No. 1

5 - NE Church Rock No. 1-East

6 - NE Church Rock



# COMPANY CONFIDENTIAL

Ore production from Kerr-McGee mines, Northeast Church Rock area, post AEC program, through June 1983

Year	Mine	Tons of Ore	Pounds U <sub>3</sub> O <sub>8</sub>	%U <sub>3</sub> O <sub>8</sub>
1971	None			
1972	None			
1973	None			
1974	None			
1975	None			
1976	Section 35	38,659.79	131,618.98	0.17
1977	Section 35	131,359.92	474,058.10	0.18
1978	Section 36	65,481.73	206,315.18	0.16
	Section 35	108,664.95	358,787.42	0.17
1979	Section 35	165,112.90	183,201.94	0.18
	Section 36	71,428.94	226,864.04	0.16
1980	Records missing at GJO			
1981	Section 35	185,887.02	675,671.07	0.18
	Section 36	58,065.28	267,702.12	0.23
1982	Section 35	40,275.15	251,466.52	0.18
	Section 36	98,246.45	410,865.87	0.21
1983*	Section 36	22,802.91	95,716.24	0.21
*January-June only *Mines are in T.17N., R.16W. McKinley Co., NM				

Totals for Sec. 35: 669,959.73 tons, 2,074,804.03 lbs, calculates to 0.15%. This grade is not consistent with yearly grades of 0.17, 0.18, 0.17, 0.18, 0.18, and 0.18. Found that the years 1979 and 1982 do not individually calculate to what is listed. in the table.

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Dave,

I have no other data on Kerr-McGee's North East Church Rock Mines – sorry.

I was under the impression that Kerr-McGee did not produce from the site northwest of the Section 35 Mine (NE Church Rock No. 2).

I am going to check with my good friend, Bill Stevens, the former Kerr-McGee/Quivira manager at Ambrosia Lake, to see what he can recall.

Bill  
2-9-07

KERR-MCGEE SECTION 36 MINE  
Northeast Church Rock

<b>Year</b>	<b>Tons of Ore</b>	<b>Pounds U<sub>3</sub>O<sub>8</sub></b>	<b>% U<sub>3</sub>O<sub>8</sub></b>
1978	65,481.73	206,315.18	0.16
1979	71,428.94	226,864.04	0.16
1980*	60,000.00	240,000.00	0.20
1981	58,065.28	267,702.12	0.23
1982	98,246.45	410,865.87	0.21
1 <sup>st</sup> Half 1983	<u>22,802.92</u>	<u>95,716.24</u>	<u>0.21</u>
	376,025.32	1,447,463.45	0.19 (Dave's add.)

\*Estimated by Chenoweth

Source Chenoweth's notes from NRG 287

Note: No longer Company Confidential

KERR-MCGEE SECTION 35 MINE  
Northeast Church Rock

Year	Tons of Ore	Pounds U <sub>3</sub> O <sub>8</sub>	% U <sub>3</sub> O <sub>8</sub>
1976	38,659.79	131,618.98	0.17
1977	131,359.92	474,058.10	0.18
1978	108,664.95	358,787.42	0.17
1979	165,112.90	583,201.94	0.18
1980*	175,000.00	665,000.00	0.18
1981	185,887.02	675,671.07	0.18
1982	70,275.15	251,446.52	0.18
1 <sup>st</sup> Half 1983	_____	_____	_____
	<i>874,959.73</i>	<i>3,139,784.03</i>	<i>0.18 (Dave add.)</i>

\*Estimated by Chenoweth

Source Chenoweth notes from NRG 287

Note: this data is no longer “Company Confidential” as DOE (GJO) put all the 1971 -1983 ore production records in the National Archives in 2000.

Above are the correct numbers. The numbers on my computer sheets were blurred.